

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-694 REV. B
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-694 REV. 1

REF. TCCA STC: SH05-10

REF. FAA STC: SR02086NY / SH8625SW

REF. EASA STC: EASA.IM.R.S.01085

1.0 PURPOSE

This service instruction is intended for customers wishing to upgrade their existing Door Assembly D412-694-01/-02 (or equivalent Premier Aviation P/N B30-23000-01/-02) with the installation of exterior handle. The DSI-9569-011 Handle Kit can be procured from DART and installed as follows:

2.0 INSTALLATION

- 2.1 Remove D3163-041 Cover Assy (ref. D412-694-01) and/or D3163-042 (ref. D412-694-02), D3135-041 Handle Weldment, and D3139-1/-3/-4 Guard as applicable by unfastening the retaining AN525 and MS24693 Screws. Retain all parts and hardware.
- 2.2 Locate and temporarily install D3203-1 Handle as shown in Figure 1 of this service instruction.
- 2.2 Use D3203-1 Handle as a template to transfer mark the location of qty(4) holes.
- 2.3 Remove D3203-1 Handle and drill qty(4) Ø0.266" (6.8 mm) holes through door.
- 2.4 Deburr and seal the edges of all drilled holes with cyanoacrylate glue (crazy glue).
- 2.5 Install D3203-1 Handle as shown in View Z-Z of this service instruction. Ensure the D3308-1 Doublers are installed on inside surface of the door. Torque screws to 60 in-lb (6.8 N-m).
- 2.6 Re-install D3163-041 Cover Assy (ref. D412-694-01) and/or D3163-042 (ref. D412-694-02), D3135-041 Handle Weldment, and D3139-1/-3/-4 Guard as applicable (removed at Step 2.1) using retained AN525 and MS24693 Screws.

3.0 PARTS LIST

Qty -011	Part Number	Description
X	DSI-9569-011	HANDLE KIT
2	D3203-1	HANDLE
4	D3308-1	DOUBLER
8	NAS1149D0416J	WASHER (OR AN960JD416L)
8	MS24694-S98	SCREW
8	MS21042L4	NUT

4.0 WEIGHT AND BALANCE



Amend the weight and balance information of the aircraft in accordance with the following table:

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
DSI-9569-011 HANDLE KIT	0.51 lb	0 in	0 in lb	96.0 in	48.96 in lb
	0.23 kg	0 m	0 m kg	2.43 m	0.56 m kg

5.0 MAINTENANCE AND CONTINUED AIRWORTHINESS

Maintain per ICA-D412-694.

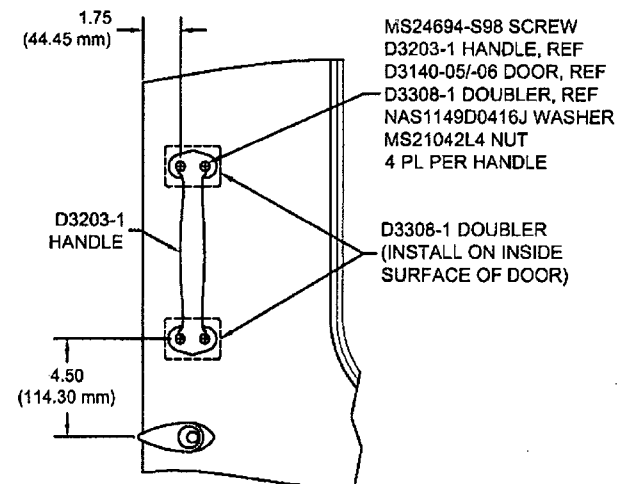
CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01 APPROVED BY:  D. SHEPHERD (DE # 02) DATE: 11.08.26 CERT. NO.: SH05-10 ISSUE NO.: 1

A	NEW ISSUE	MB	11.08.24
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9569	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		HANDLE INSTALLATION	NTS
DATE	11.08.24	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 11.08.26
CERT. NO.: SH05-10
ISSUE NO.: 1



VIEW Z-Z: HANDLE INSTALLATION

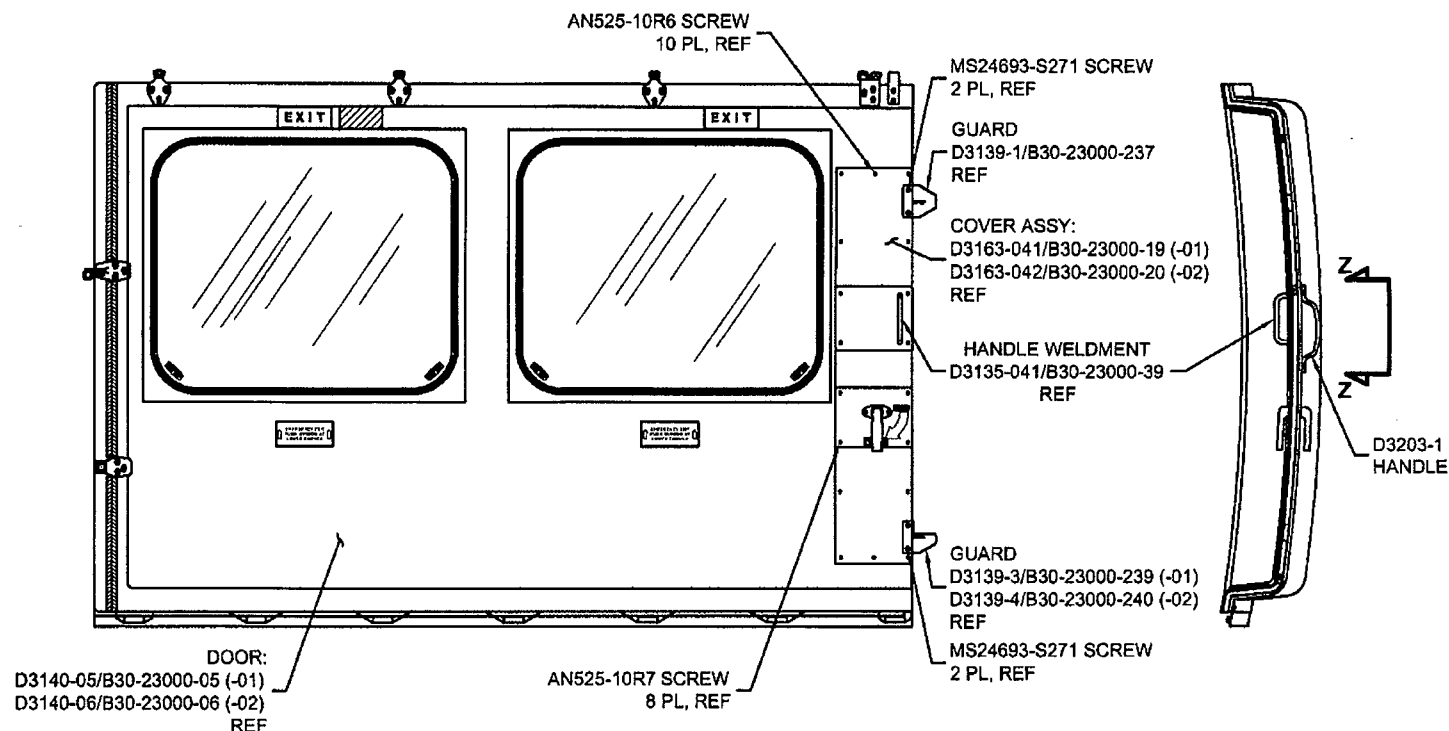


FIGURE 1
D412-694-01 DOOR ASSY (SHOWN)
D412-694-02 DOOR ASSY (OPPOSITE)
VIEW LOOKING @ INSIDE OF DOOR

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. DSI 9569 SHEET 2 OF 2 REV. A SCALE NTS
DRAWN		
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		TITLE
DATE	11.08.24	HANDLE INSTALLATION

COPYRIGHT © 2011 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR REPRODUCED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD